

इंटरनेट

मानक

Disclosure to Promote the Right To Information

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

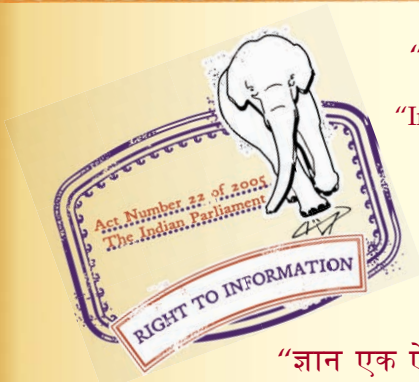
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS/ISO 2157 (1992): Dental Rotary Instruments – Nominal Diameters and Designation Code Number [MHD 8: Dentistry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
दंत घूर्णी उपकरण — सांकेतिक व्यास और
अभिनाम कोड संख्या

Indian Standard

DENTAL ROTARY INSTRUMENTS — NOMINAL
DIAMETERS AND DESIGNATION CODE NUMBER

ICS 11.060.10

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 2157 : 1992 'Dental rotary instruments — Nominal diameters and designation code number' issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Dentistry Sectional Committee and approval of the Medical Equipment and Hospital Planning Division council.

The range 2,5 mm to 10 mm, a few additional diameters corresponding to the R 20 series of IS 1076 (Part 1) : 1985 'Preferred Numbers: Part 1 Series of preferred numbers (*second revision*)' have been added. It is recommended in the range of 2,5 mm to 10 mm to substitute the diameters of the R 20 series for the old diameters, in order to reduce the number of diameters in this area from 21 to 12.

In the range 10 mm to 30 mm, diameters based on the R 20 numbers are already in common use.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of signified places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

DENTAL ROTARY INSTRUMENTS — NOMINAL
DIAMETERS AND DESIGNATION CODE NUMBER

1 Scope

This International Standard specifies the nominal diameters of the working parts of dental rotary instruments, for example burs, laboratory burs, grinding instruments, diamond instruments, mandrels, etc. and the corresponding designation. It does not cover the diameters of root canal instruments.

2 Nominal diameters and designation

The nominal diameters, in millimetres, and the designation by code number of the working parts of dental rotary instruments shall be selected from those listed in table 1.

Table 1

Nominal diameters mm	Designation code number	Nominal diameters mm R 20 series	Designation code number	Nominal diameters mm R 20 series	Designation code number
0,5	005	2,5	025	10	100
0,6	006	2,7	027	11,2	112
0,7	007		028	12,5	125
0,8	008	2,9	029	14	140
0,9	009	3,1	031	16	160
1	010		031	18	180
1,2	012	3,3	033	20	200
1,4	014	3,5	035	22,4	224
1,6	016		035	25	250
1,8	018	3,7	037	28	280
2,1	021	4	040	30	300
2,3	023	4,2	042		
		4,5	045		
		4,7	047		
		5	050		
		5,5	055		
			056		
		6	060		
			063		
		6,5	065		
		7	070		
			071		
		7,5	075		
		8	080		
		8,5	085		
		9	090		
		9,5	095		

Annex A
(informative)

Bibliography

- [1] ISO 3:1973, *Preferred numbers — Series of preferred numbers*.
- [2] ISO 6360-1:1985, *Dental rotary instruments — Number coding system — Part 1: General characteristics*.
- [3] ISO 6360-2:1986, *Dental rotary instruments — Number coding system — Part 2: Shape and specific characteristics*.

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Amendments Issued Since Publication

Amendment No.	Date of Issue	Text Affected

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